



RF10.1

- Screw connection
- 11-12 (Contact labelling)

Data

Ordering data

Product type description	RF10.1
Article number (order number)	101195133
EAN (European Article Number)	4030661456768
eCl@ss number, version 12.0	27-37-13-02
eCl@ss number, version 11.0	27-37-13-02
eCl@ss number, version 9.0	27-37-13-02
ETIM number, version 7.0	EC000041
ETIM number, version 6.0	EC000041

Approvals - Standards

Certificates	cURus EAC
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General data

Standards	EN IEC 62061 EN IEC 60947-5-1 EN IEC 60947-5-3 EN IEC 60947-5-5 EN IEC 60204-1 EN IEC 60947-1
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Material of the contacts, electrical	Silver
Contact labelling	11-12
Gross weight	20 g

General data - Features

Number of normally closed (NC)	1
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Mechanical data

Installation instructions	pluggable
Mechanical life, minimum	10,000,000 Operations
Positive break travel	2 mm
Contact opening	1 mm
Mounting flange position	1; 2; 3

Mechanical data - Connection technique

Termination	Screw terminals M20 x 1.5
Cable section, minimum	0.5 mm ² , rigid 0.5 mm ² , flexible
Cable section, maximum	2.5 mm ² , rigid 1.5 mm ² , flexible
Note (Cable section)	All indications including the conductor ferrules.
Tightening torque of Clips	1 Nm

Mechanical data - Dimensions

Length	44 mm
Width	9 mm
Height	25.5 mm

Ambient conditions

Degree of protection of the switch rooms	IP40
Degree of protection of clips or terminals	IP20
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+75 °C

Ambient conditions - Insulation values

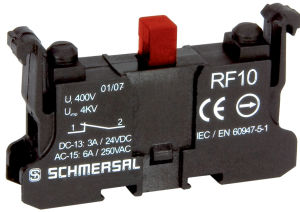
Rated insulation voltage U_i	400 V
Rated impulse withstand voltage U_{imp}	4 kV

Electrical data

Thermal test current	10 A
Utilisation category AC-15	250 VAC
Utilisation category AC-15	6 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	3 A
Suitable for low-voltages	$\geq 5 \text{ V} / \geq 1 \text{ mA}$
Switching element	Opener (NC)
Switching principle	Slow action
Switching frequency	1,200 /h

Pictures

Product picture (catalogue individual photo)

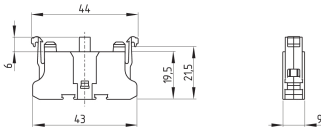


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| 432.4 kB | .jpg | 352.778 x 249.414 mm - 1000 x 707 px - 72 dpi

| 38.3 kB | .png | 74.083 x 52.211 mm - 210 x 148 px - 72 dpi

Dimensional drawing basic component



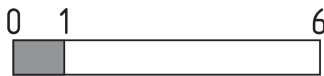
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| 952.1 kB | .ai | 210.002 x 297 mm - 595 x 841 px - 72 dpi

| 2.7 kB | .png | 74.083 x 28.222 mm - 210 x 80 px - 72 dpi

| 55.3 kB | .jpg | 352.778 x 134.408 mm - 1000 x 381 px - 72 dpi

Switch travel diagram



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| 18.5 kB | .cdr |

| 1,020.0 b | .png | 74.083 x 16.933 mm - 210 x 48 px - 72 dpi

| 19.6 kB | .jpg | 352.778 x 80.433 mm - 1000 x 228 px - 72 dpi

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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